



Windows Extra

AMD Ryzen Threadripper 3970X 32-Core testing with a ASUS ROG ZENITH II EXTREME (0702 BIOS) and AMD Radeon VII 4GB on Microsoft Windows 10 Pro Build 18363 via the Phoronix Test Suite.

Test Systems:

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

Processor: AMD Ryzen Threadripper 3970X 32-Core @ 3.69GHz (32 Cores / 64 Threads), Motherboard: ASUS ROG ZENITH II EXTREME (0702 BIOS), Memory: 4 x 16384 MB 3600MHz CMT64GX4M4Z3600C16, Disk: 932GB Force MP600, Graphics: AMD Radeon VII 4GB, Network: Intel I211 Gigabit Connection + Intel Wi-Fi 6 AX200 160MHz

OS: Microsoft Windows 10 Pro Build 18363, Kernel: 10.0 (x86_64), Display Driver: 26.20.12028.2, OpenCL: OpenCL 2.1 AMD-APP (2841.19), File-System: NTFS, Screen Resolution: 3840x2160

Security Notes: __user pointer sanitization: Disabled + Retpoline: Full + IBPB: Always + STIBP: Enabled

**Force MP600 - AMD Ryzen
Threadripper 3970X 32-Core**

Diskspd - 1 - 100 - All Writes - 1M - 4KB (MB/s)	366.32
Standard Deviation	15.2%
Diskspd - 1 - 100 - All Writes - 1M - 4KB (IOPS)	93779
Standard Deviation	15.2%
Diskspd - 2 - 100 - All Writes - 1M - 4KB (MB/s)	520.90
Standard Deviation	12.5%
Diskspd - 2 - 100 - All Writes - 1M - 4KB (IOPS)	133351
Standard Deviation	12.5%
Diskspd - 3 - 100 - All Writes - 1M - 4KB (MB/s)	823.42
Standard Deviation	18.5%
Diskspd - 3 - 100 - All Writes - 1M - 4KB (IOPS)	210795
Standard Deviation	18.5%
Diskspd - 4 - 100 - All Writes - 1M - 4KB (MB/s)	992.86
Standard Deviation	15.3%
Diskspd - 4 - 100 - All Writes - 1M - 4KB (IOPS)	254172
Standard Deviation	15.3%
Diskspd - 5 - 100 - All Writes - 1M - 4KB (MB/s)	1335
Standard Deviation	16.3%
Diskspd - 5 - 100 - All Writes - 1M - 4KB (IOPS)	341814
Standard Deviation	16.3%
Diskspd - 6 - 100 - All Writes - 1M - 4KB (MB/s)	1726
Standard Deviation	2%
Diskspd - 6 - 100 - All Writes - 1M - 4KB (IOPS)	441901
Standard Deviation	2%
Diskspd - 7 - 100 - All Writes - 1M - 4KB (MB/s)	1773
Standard Deviation	16.6%
Diskspd - 7 - 100 - All Writes - 1M - 4KB (IOPS)	453877
Standard Deviation	16.6%
Diskspd - 8 - 100 - All Writes - 1M - 4KB (MB/s)	1927
Standard Deviation	15.3%
Diskspd - 8 - 100 - All Writes - 1M - 4KB (IOPS)	493436
Standard Deviation	15.3%
Diskspd - 1 - 100 - All Writes - 1M - 64KB (MB/s)	3456
Standard Deviation	17.6%
Diskspd - 1 - 100 - All Writes - 1M - 64KB (IOPS)	55296
Standard Deviation	17.6%
Diskspd - 2 - 100 - All Writes - 1M - 64KB (MB/s)	3868
Standard Deviation	4.5%
Diskspd - 2 - 100 - All Writes - 1M - 64KB (IOPS)	61891
Standard Deviation	4.5%
Diskspd - 3 - 100 - All Writes - 1M - 64KB (MB/s)	3682
Standard Deviation	22.3%
Diskspd - 3 - 100 - All Writes - 1M - 64KB (IOPS)	58910
Standard Deviation	22.3%
Diskspd - 4 - 100 - All Writes - 1M - 64KB (MB/s)	3758
Standard Deviation	8.4%
Diskspd - 4 - 100 - All Writes - 1M - 64KB (IOPS)	60123
Standard Deviation	8.4%
Diskspd - 5 - 100 - All Writes - 1M - 64KB (MB/s)	3854
Standard Deviation	8.3%
Diskspd - 5 - 100 - All Writes - 1M - 64KB (IOPS)	61665

	Standard Deviation	8.3%
Diskspd - 6 - 100 - All Writes - 1M - 64KB (MB/s)		3857
	Standard Deviation	5.4%
Diskspd - 6 - 100 - All Writes - 1M - 64KB (IOPS)		61713
	Standard Deviation	5.4%
Diskspd - 7 - 100 - All Writes - 1M - 64KB (MB/s)		3800
	Standard Deviation	5.8%
Diskspd - 7 - 100 - All Writes - 1M - 64KB (IOPS)		60799
	Standard Deviation	5.8%
Diskspd - 8 - 100 - All Writes - 1M - 64KB (MB/s)		3829
	Standard Deviation	7%
Diskspd - 8 - 100 - All Writes - 1M - 64KB (IOPS)		61259
	Standard Deviation	7%
Diskspd - 1 - 50 - 1M - 4KB (MB/s)		102.45
	Standard Deviation	6.5%
Diskspd - 1 - 50 - 1M - 4KB (IOPS)		26228
	Standard Deviation	6.5%
Diskspd - 2 - 50 - 1M - 4KB (MB/s)		256.36
	Standard Deviation	7.5%
Diskspd - 2 - 50 - 1M - 4KB (IOPS)		65627
	Standard Deviation	7.5%
Diskspd - 3 - 50 - 1M - 4KB (MB/s)		411.87
	Standard Deviation	13.5%
Diskspd - 3 - 50 - 1M - 4KB (IOPS)		105439
	Standard Deviation	13.5%
Diskspd - 4 - 50 - 1M - 4KB (MB/s)		499.72
	Standard Deviation	29.4%
Diskspd - 4 - 50 - 1M - 4KB (IOPS)		127928
	Standard Deviation	29.4%
Diskspd - 5 - 50 - 1M - 4KB (MB/s)		571.72
	Standard Deviation	11.3%
Diskspd - 5 - 50 - 1M - 4KB (IOPS)		146361
	Standard Deviation	11.3%
Diskspd - 6 - 50 - 1M - 4KB (MB/s)		722.84
	Standard Deviation	10.5%
Diskspd - 6 - 50 - 1M - 4KB (IOPS)		185048
	Standard Deviation	10.5%
Diskspd - 7 - 50 - 1M - 4KB (MB/s)		796.00
	Standard Deviation	13.3%
Diskspd - 7 - 50 - 1M - 4KB (IOPS)		203775
	Standard Deviation	13.3%
Diskspd - 8 - 50 - 1M - 4KB (MB/s)		860.96
	Standard Deviation	10.9%
Diskspd - 8 - 50 - 1M - 4KB (IOPS)		220405
	Standard Deviation	10.9%
Diskspd - 1 - 50 - 1M - 64KB (MB/s)		1041
	Standard Deviation	6.8%
Diskspd - 1 - 50 - 1M - 64KB (IOPS)		16663
	Standard Deviation	6.8%
Diskspd - 2 - 50 - 1M - 64KB (MB/s)		1745
	Standard Deviation	9.6%
Diskspd - 2 - 50 - 1M - 64KB (IOPS)		27926
	Standard Deviation	9.6%

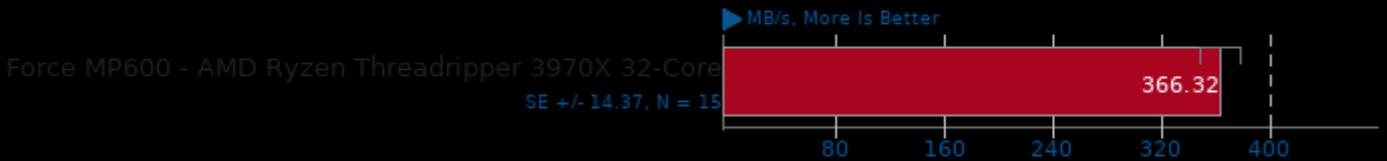
Diskspd - 3 - 50 - 1M - 64KB (MB/s)	1948
Standard Deviation	9.7%
Diskspd - 3 - 50 - 1M - 64KB (IOPS)	31167
Standard Deviation	9.7%
Diskspd - 4 - 50 - 1M - 64KB (MB/s)	1945
Standard Deviation	11.8%
Diskspd - 4 - 50 - 1M - 64KB (IOPS)	31126
Standard Deviation	11.8%
Diskspd - 5 - 50 - 1M - 64KB (MB/s)	1928
Standard Deviation	10.1%
Diskspd - 5 - 50 - 1M - 64KB (IOPS)	30842
Standard Deviation	10.1%
Diskspd - 6 - 50 - 1M - 64KB (MB/s)	1985
Standard Deviation	12.4%
Diskspd - 6 - 50 - 1M - 64KB (IOPS)	31762
Standard Deviation	12.4%
Diskspd - 7 - 50 - 1M - 64KB (MB/s)	1947
Standard Deviation	14%
Diskspd - 7 - 50 - 1M - 64KB (IOPS)	31149
Standard Deviation	14%
Diskspd - 8 - 50 - 1M - 64KB (MB/s)	2158
Standard Deviation	2.8%
Diskspd - 8 - 50 - 1M - 64KB (IOPS)	34521
Standard Deviation	2.8%
Diskspd - 1 - 0 - Read Only - 1M - 4KB (MB/s)	298.59
Standard Deviation	2.7%
Diskspd - 1 - 0 - Read Only - 1M - 4KB (IOPS)	76440
Standard Deviation	2.7%
Diskspd - 2 - 0 - Read Only - 1M - 4KB (MB/s)	194.76
Standard Deviation	7.2%
Diskspd - 2 - 0 - Read Only - 1M - 4KB (IOPS)	49858
Standard Deviation	7.2%
Diskspd - 3 - 0 - Read Only - 1M - 4KB (MB/s)	276.39
Standard Deviation	11.8%
Diskspd - 3 - 0 - Read Only - 1M - 4KB (IOPS)	70757
Standard Deviation	11.8%
Diskspd - 4 - 0 - Read Only - 1M - 4KB (MB/s)	358.52
Standard Deviation	10.9%
Diskspd - 4 - 0 - Read Only - 1M - 4KB (IOPS)	91782
Standard Deviation	10.9%
Diskspd - 5 - 0 - Read Only - 1M - 4KB (MB/s)	439.46
Standard Deviation	11.4%
Diskspd - 5 - 0 - Read Only - 1M - 4KB (IOPS)	112502
Standard Deviation	11.4%
Diskspd - 6 - 0 - Read Only - 1M - 4KB (MB/s)	528.23
Standard Deviation	13.1%
Diskspd - 6 - 0 - Read Only - 1M - 4KB (IOPS)	135226
Standard Deviation	13.1%
Diskspd - 7 - 0 - Read Only - 1M - 4KB (MB/s)	601.20
Standard Deviation	13.3%
Diskspd - 7 - 0 - Read Only - 1M - 4KB (IOPS)	153907
Standard Deviation	13.3%
Diskspd - 8 - 0 - Read Only - 1M - 4KB (MB/s)	699.49

	Standard Deviation	12%
Diskspd - 8 - 0 - Read Only - 1M - 4KB (IOPS)		179069
	Standard Deviation	12%
Diskspd - 1 - 0 - Read Only - 1M - 64KB (MB/s)		679.48
	Standard Deviation	4.2%
Diskspd - 1 - 0 - Read Only - 1M - 64KB (IOPS)		10872
	Standard Deviation	4.2%
Diskspd - 2 - 0 - Read Only - 1M - 64KB (MB/s)		1490
	Standard Deviation	10.8%
Diskspd - 2 - 0 - Read Only - 1M - 64KB (IOPS)		23841
	Standard Deviation	10.8%
Diskspd - 3 - 0 - Read Only - 1M - 64KB (MB/s)		2113
	Standard Deviation	8.5%
Diskspd - 3 - 0 - Read Only - 1M - 64KB (IOPS)		33805
	Standard Deviation	8.5%
Diskspd - 4 - 0 - Read Only - 1M - 64KB (MB/s)		2306
	Standard Deviation	14.9%
Diskspd - 4 - 0 - Read Only - 1M - 64KB (IOPS)		36902
	Standard Deviation	14.9%
Diskspd - 5 - 0 - Read Only - 1M - 64KB (MB/s)		2498
	Standard Deviation	11.7%
Diskspd - 5 - 0 - Read Only - 1M - 64KB (IOPS)		39974
	Standard Deviation	11.7%
Diskspd - 6 - 0 - Read Only - 1M - 64KB (MB/s)		2551
	Standard Deviation	18.5%
Diskspd - 6 - 0 - Read Only - 1M - 64KB (IOPS)		40809
	Standard Deviation	18.5%
Diskspd - 7 - 0 - Read Only - 1M - 64KB (MB/s)		2591
	Standard Deviation	9.3%
Diskspd - 7 - 0 - Read Only - 1M - 64KB (IOPS)		41457
	Standard Deviation	9.3%
Diskspd - 8 - 0 - Read Only - 1M - 64KB (MB/s)		2812
	Standard Deviation	2.4%
Diskspd - 8 - 0 - Read Only - 1M - 64KB (IOPS)		44997
	Standard Deviation	2.4%
dav1d - Chimera 1080p (FPS)		677.51708
	Standard Deviation	0.1%
dav1d - Summer Nature 4K (FPS)		255.86417
	Standard Deviation	0.1%
dav1d - S.N.1 (FPS)		749.371458
	Standard Deviation	0.3%
dav1d - C.1.1.b (FPS)		68.995208
	Standard Deviation	0.1%
Embree - Pathtracer - Crown (FPS)		36.5587
	Standard Deviation	0.3%
Embree - Pathtracer ISPC - Crown (FPS)		36.7676
	Standard Deviation	0.2%
Embree - Pathtracer - Asian Dragon (FPS)		40.0946
	Standard Deviation	0.1%
Embree - Pathtracer - Asian Dragon Obj (FPS)		35.8853
	Standard Deviation	0.1%
Embree - Pathtracer ISPC - Asian Dragon (FPS)		41.4186
	Standard Deviation	0.1%

Embree - Pathtracer ISPC - Asian Dragon Obj (FPS)	35.8791
Standard Deviation	0.1%
SVT-AV1 - Enc Mode 0 - 1080p (FPS)	0.155
Standard Deviation	0.6%
SVT-AV1 - Enc Mode 4 - 1080p (FPS)	9.867
Standard Deviation	0.2%
SVT-AV1 - Enc Mode 8 - 1080p (FPS)	92.579
Standard Deviation	0.8%
SVT-HEVC - 1.8.b.Y.T.H.V.E (FPS)	179.77
Standard Deviation	0.2%
SVT-VP9 - VMAF Optimized - Bosphorus 1080p (FPS)	426.55
Standard Deviation	0.5%
SVT-VP9 - P.S.O - Bosphorus 1080p (FPS)	420.66
Standard Deviation	0.3%
SVT-VP9 - V.Q.O - Bosphorus 1080p (FPS)	344.99
Standard Deviation	1.3%
Intel Open Image Denoise - Memorial (Images / Sec)	24.94
Standard Deviation	0.5%
Euler3D - C.C.F (Hz)	29.764
Standard Deviation	3%
WinSAT - Disk (MB/s)	37.05
Standard Deviation	34.5%
WinSAT - Memory (MB/s)	81660
Standard Deviation	0%
WinSAT - CPU Encryption (MB/s)	25566
Standard Deviation	4.2%
WinSAT - CPU Compression (MB/s)	10479
Standard Deviation	10.7%
Maxon Cinebench - Multi-Core (Score)	16947
Standard Deviation	0.2%
Maxon Cinebench - Single-Core (Score)	514.39
Standard Deviation	0.3%

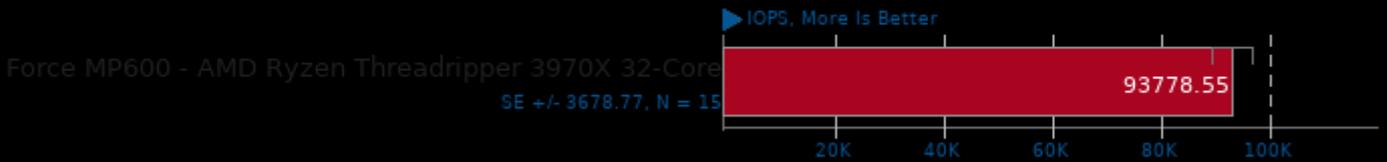
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



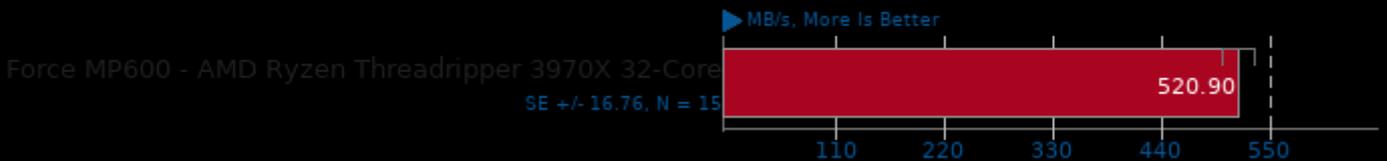
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



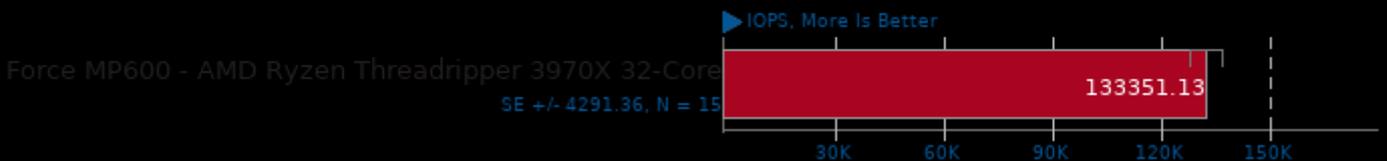
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



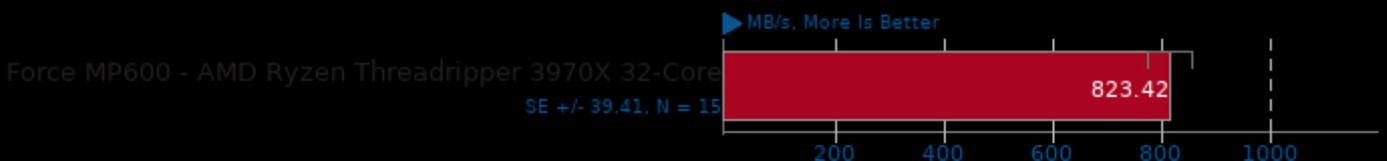
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



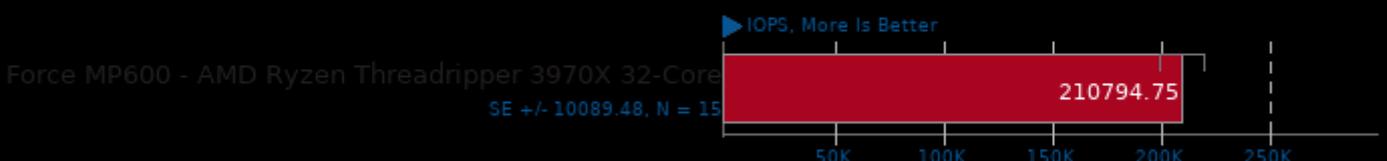
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



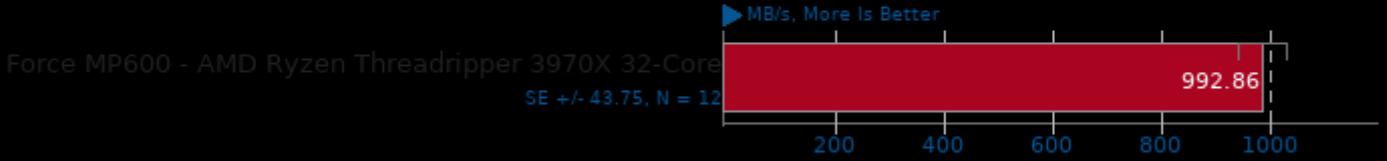
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



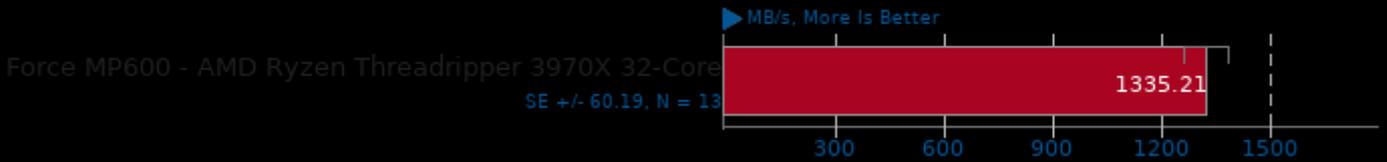
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



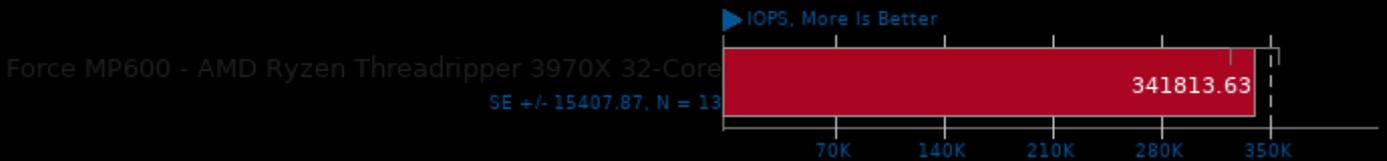
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



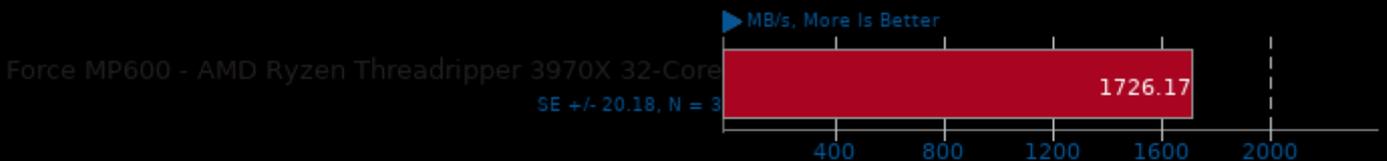
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



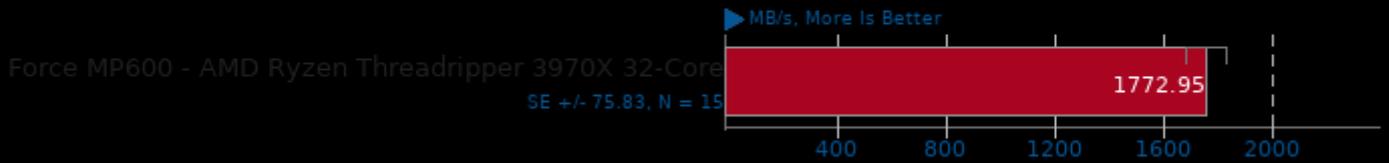
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



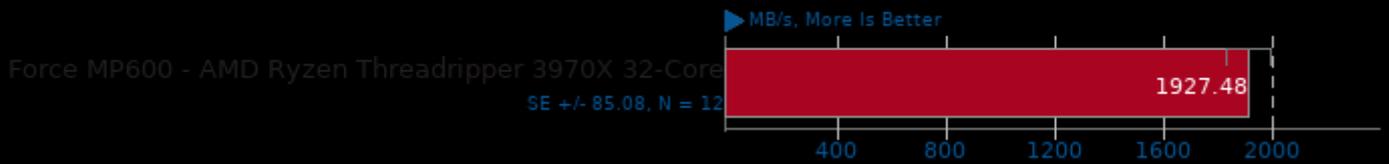
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



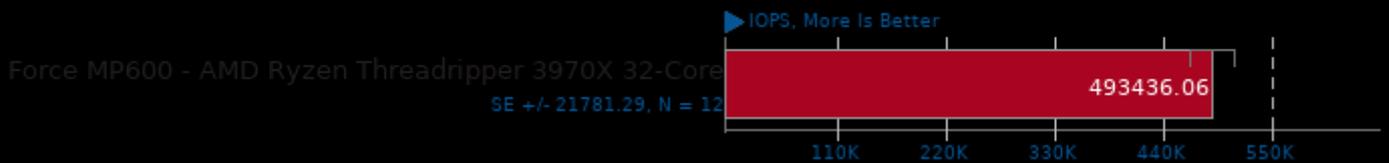
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



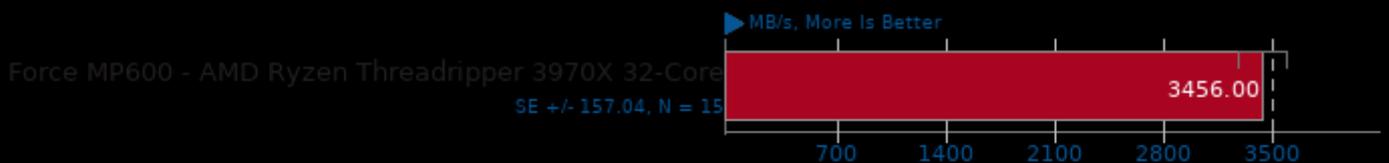
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



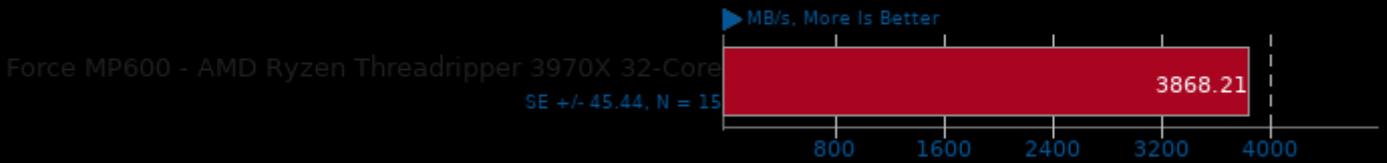
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



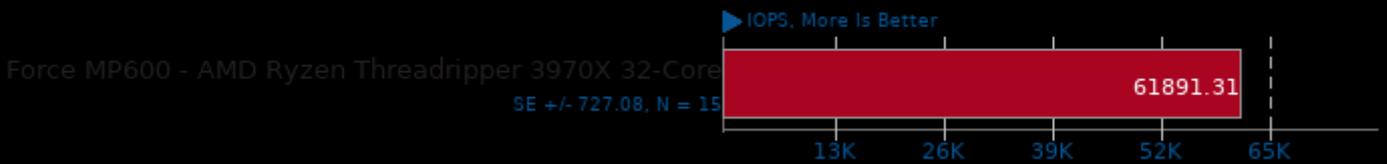
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



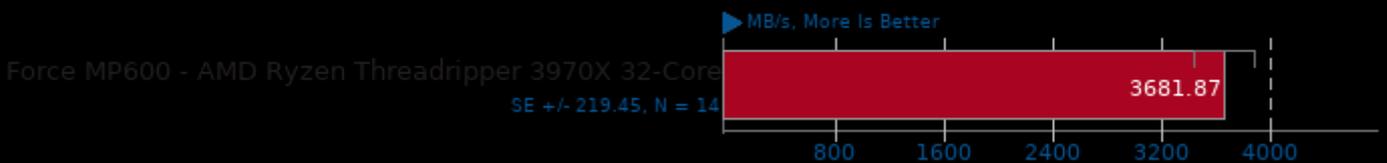
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



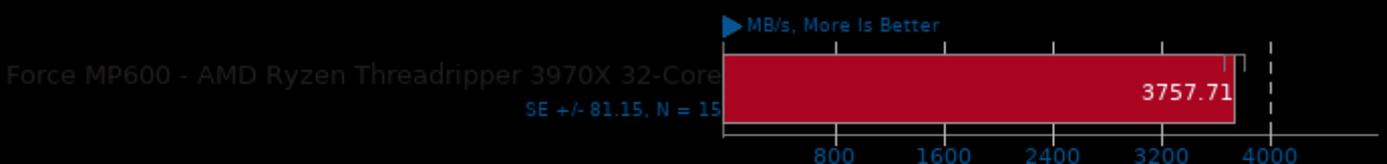
Diskspd 2.0.21

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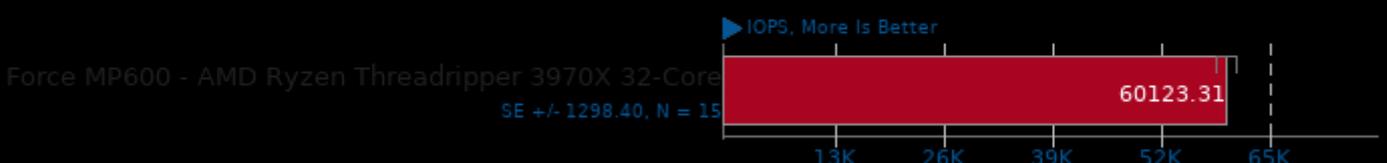
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



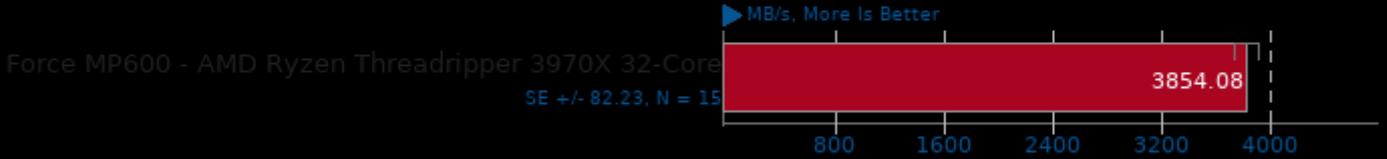
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



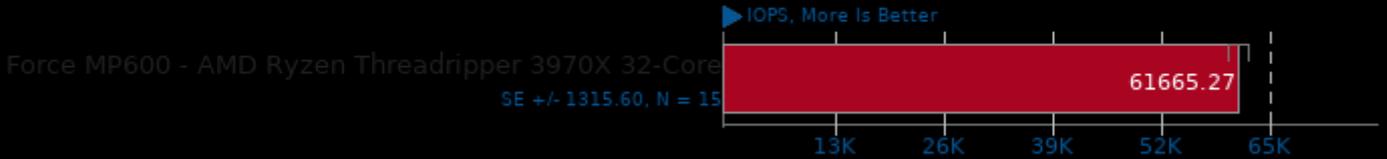
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



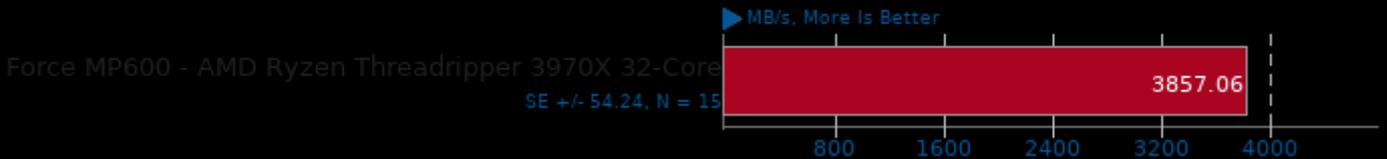
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



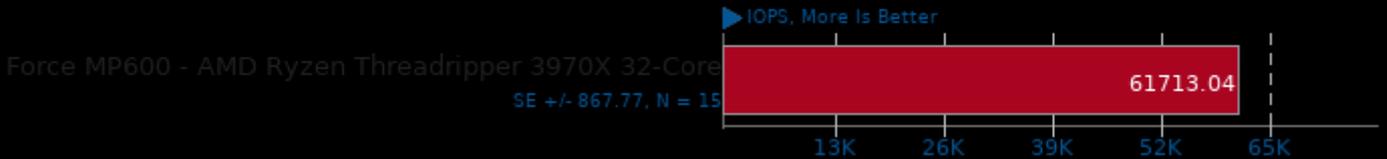
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



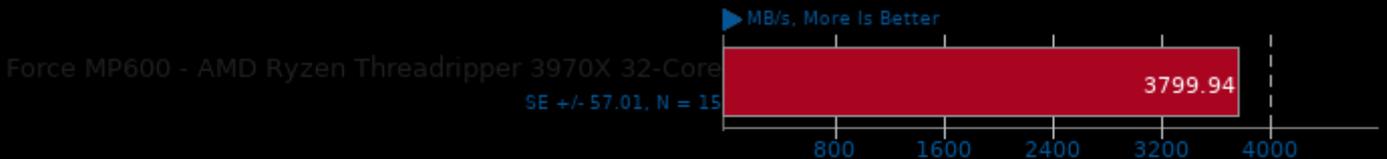
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



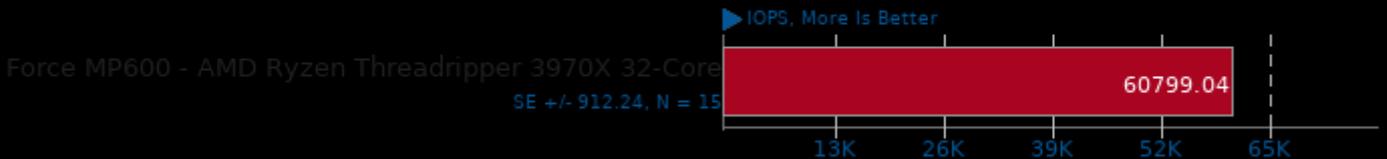
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



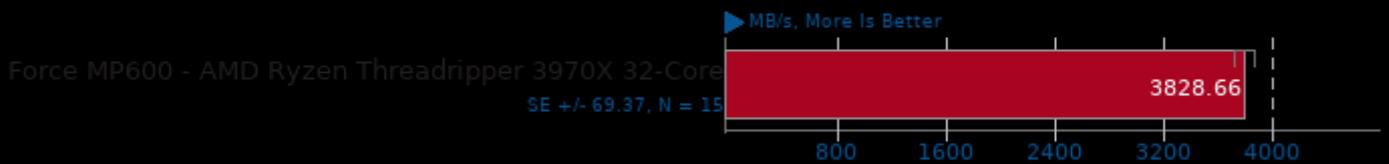
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 100 - All Writes - File Size: 1M - Block Size: 64KB



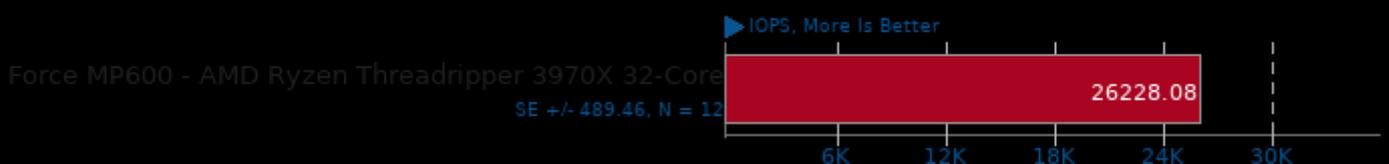
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



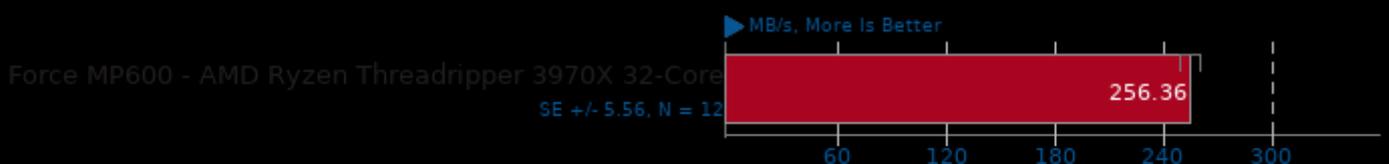
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



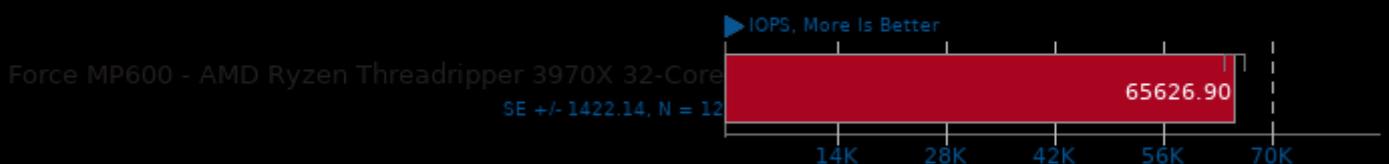
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



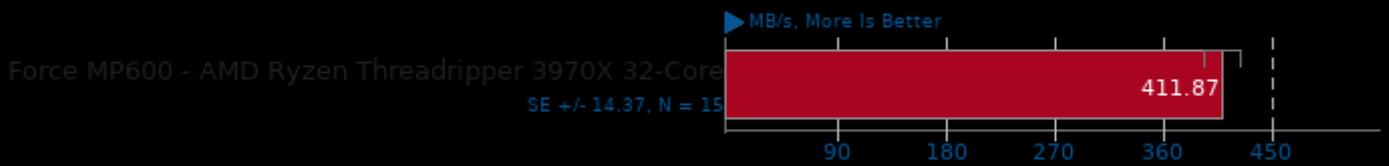
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



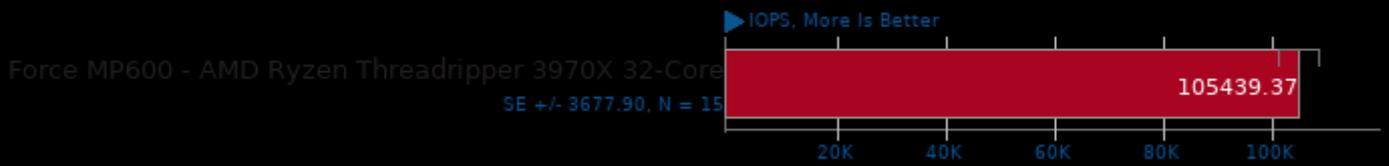
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



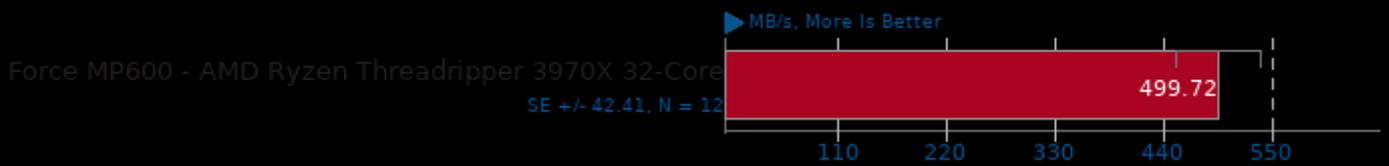
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



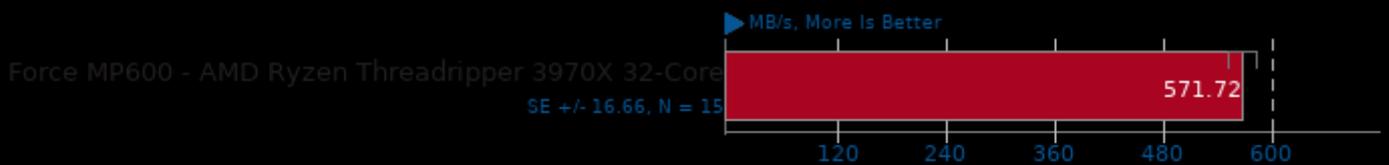
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



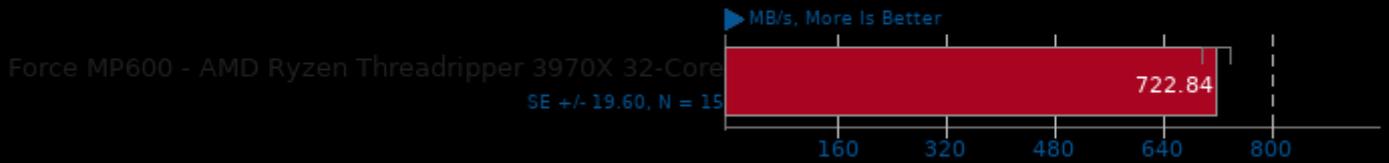
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



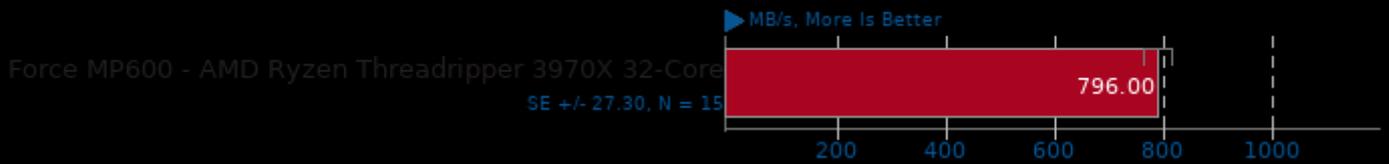
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



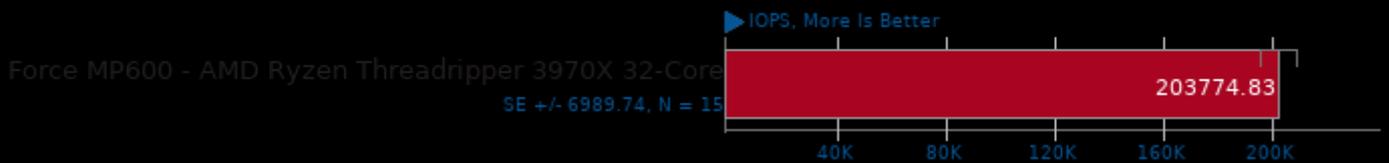
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



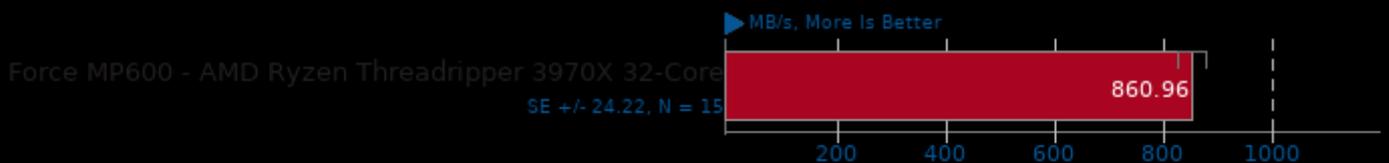
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



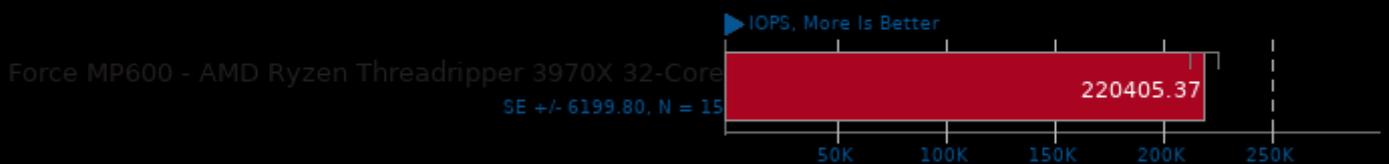
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



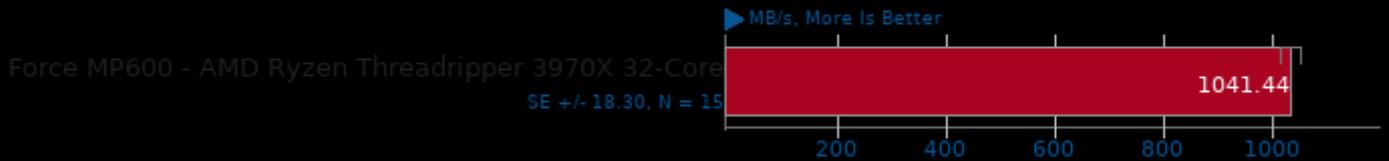
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 4KB



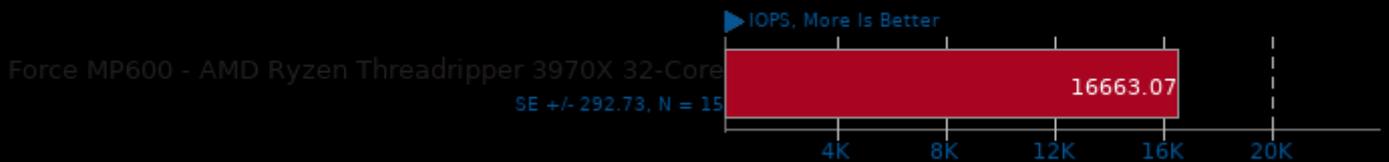
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



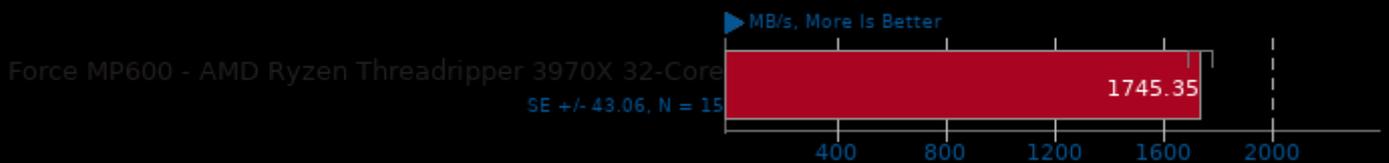
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



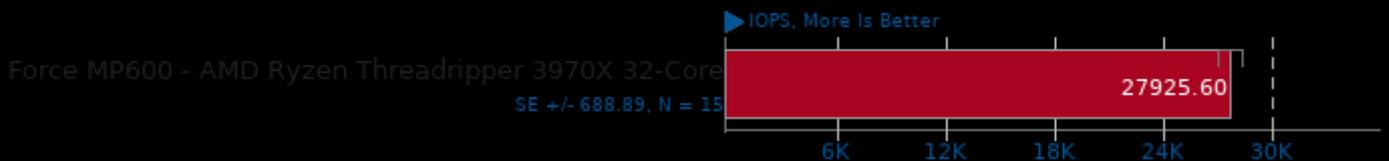
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



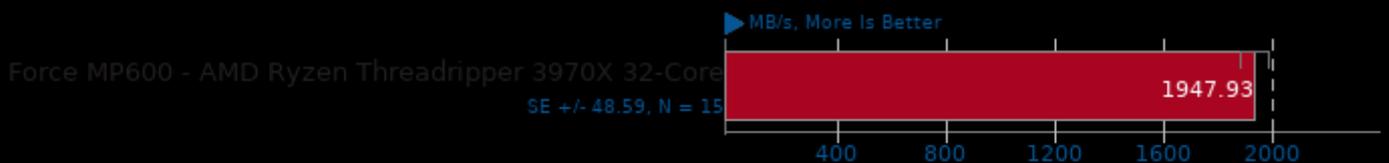
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



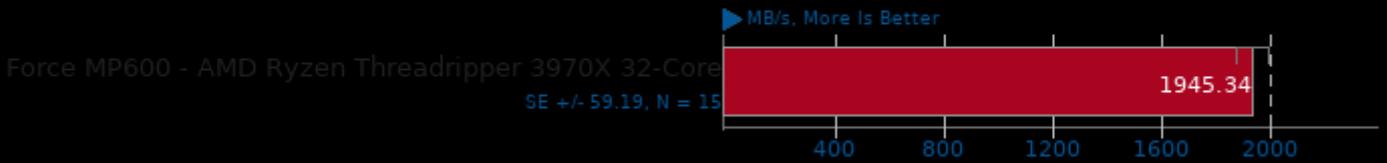
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



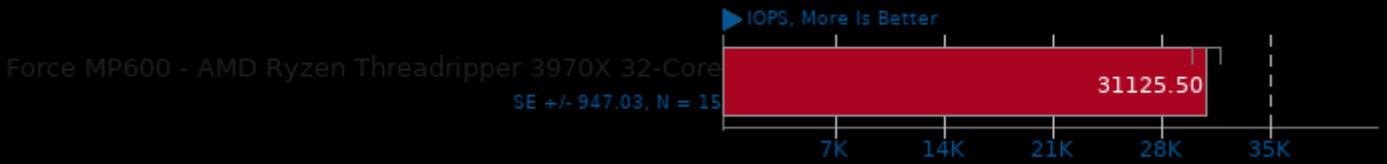
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



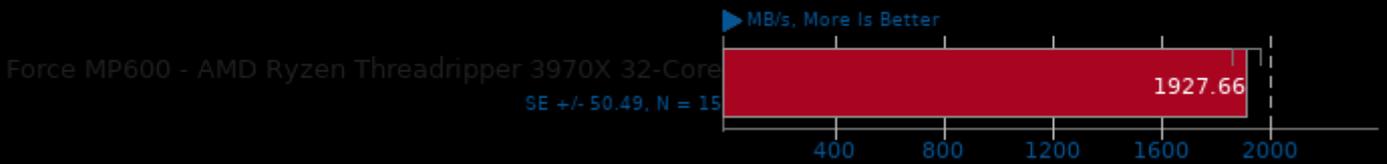
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



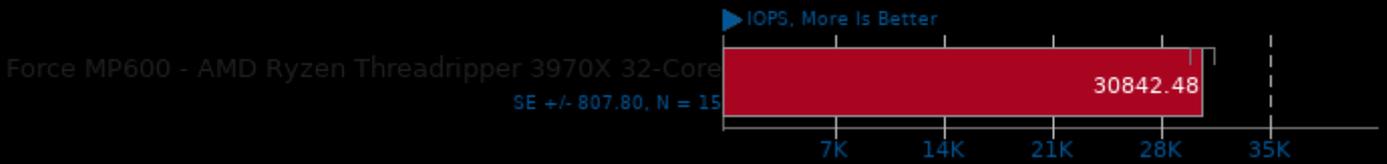
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



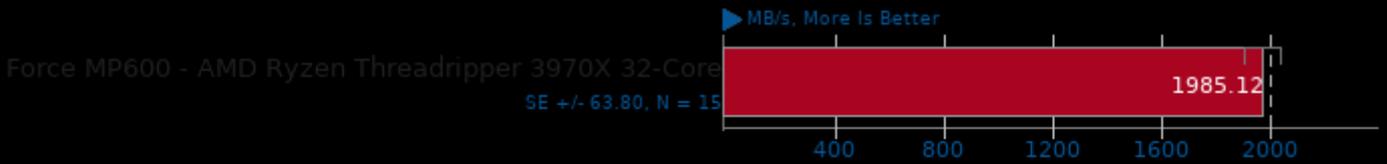
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



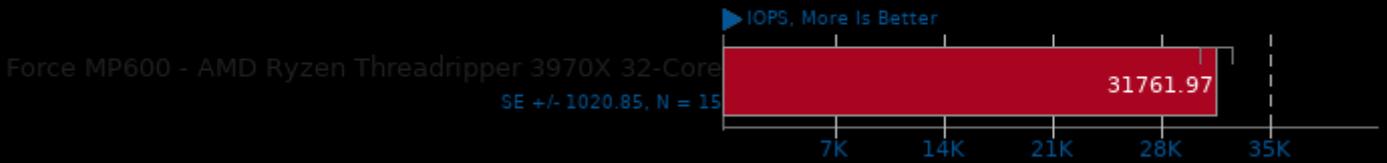
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



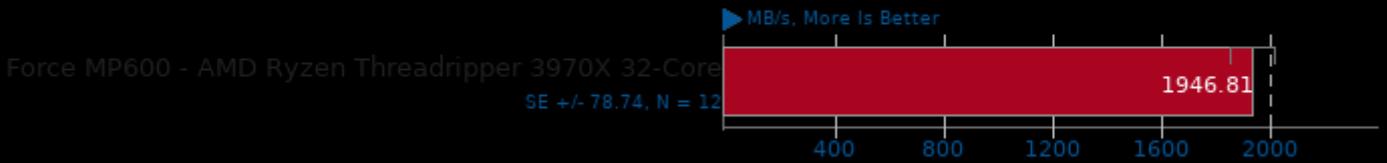
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



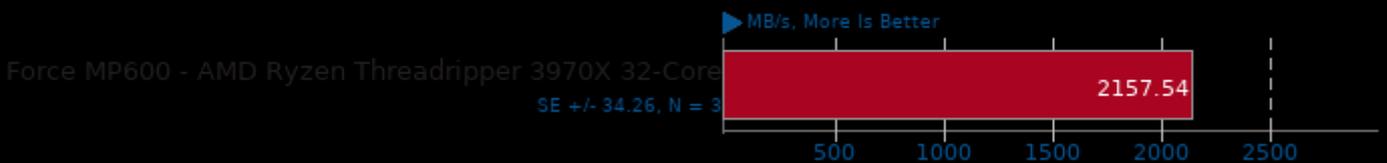
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



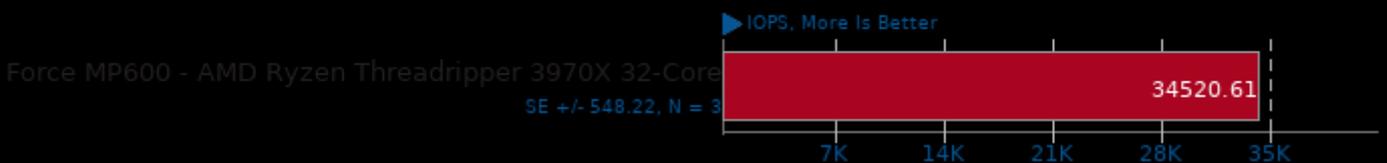
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



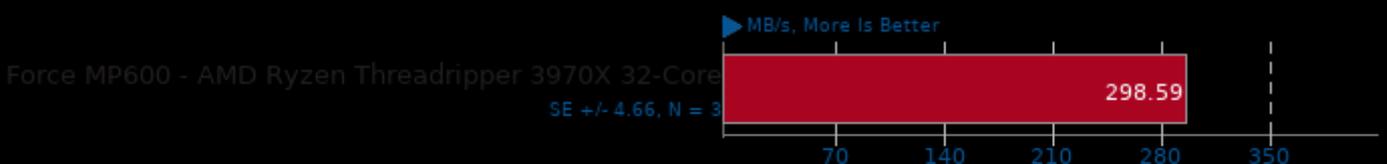
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 50 - File Size: 1M - Block Size: 64KB



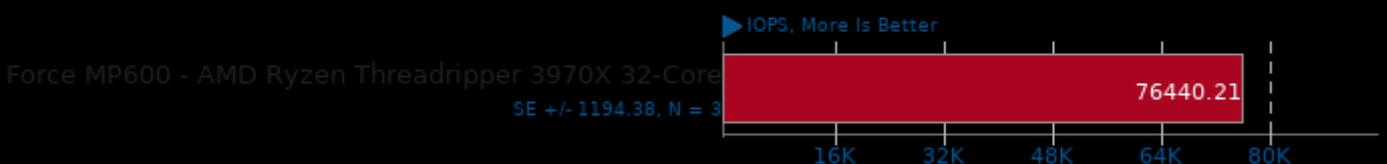
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



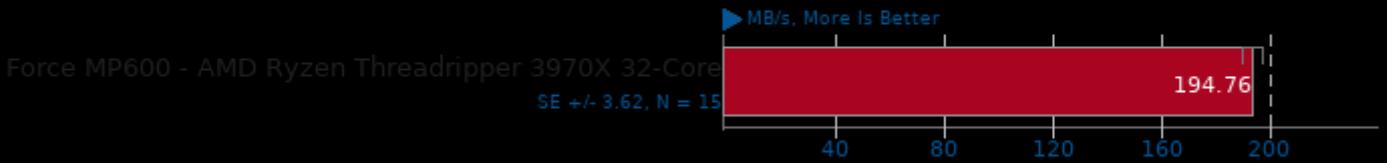
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



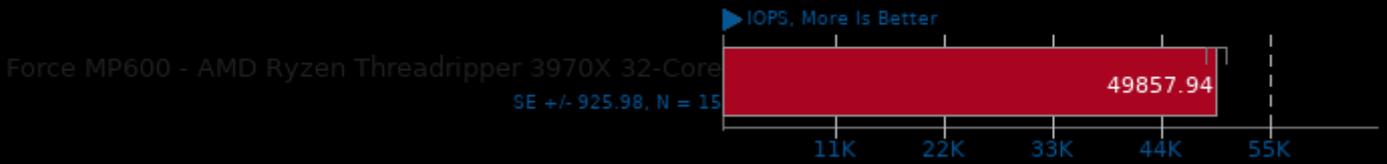
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



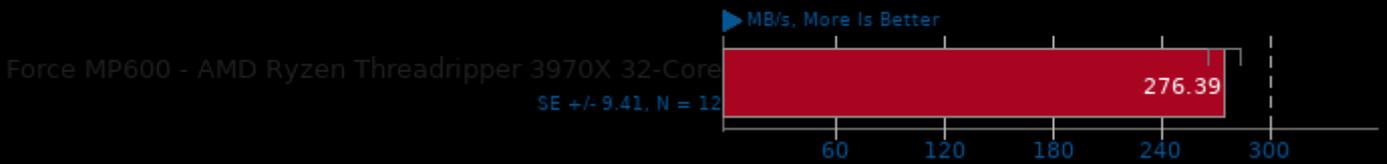
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



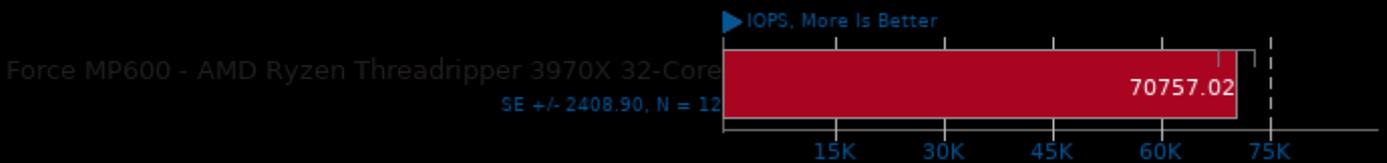
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



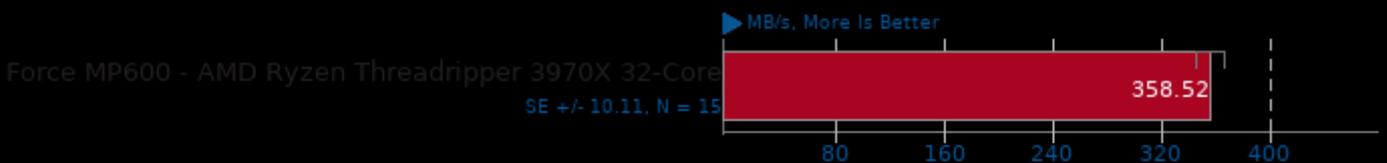
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



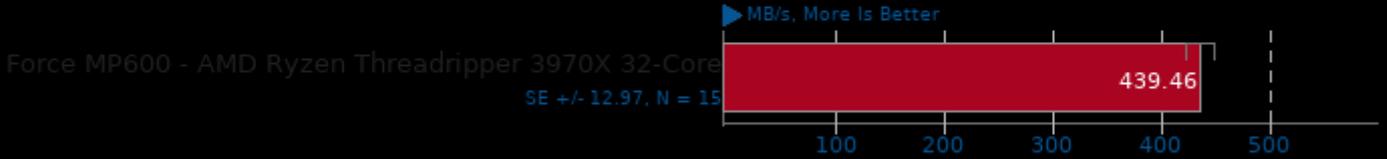
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



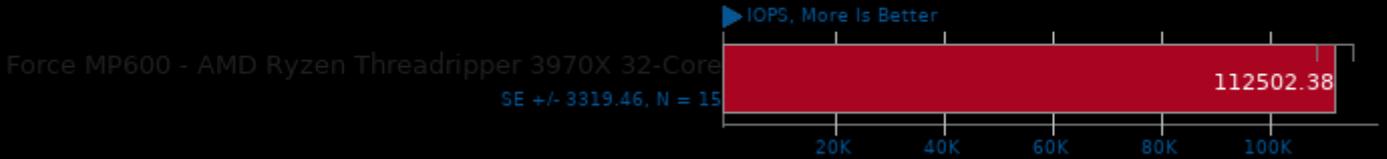
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



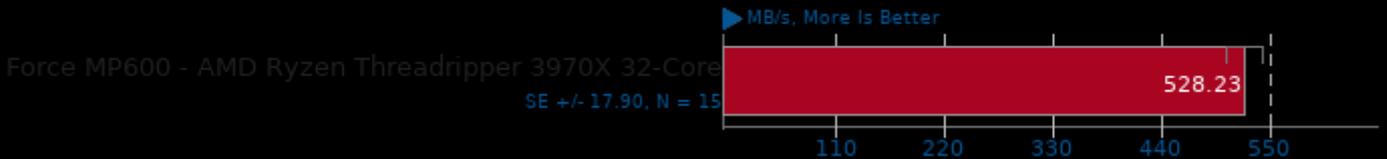
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



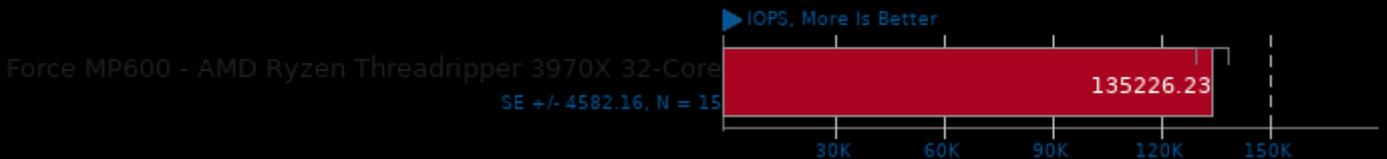
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



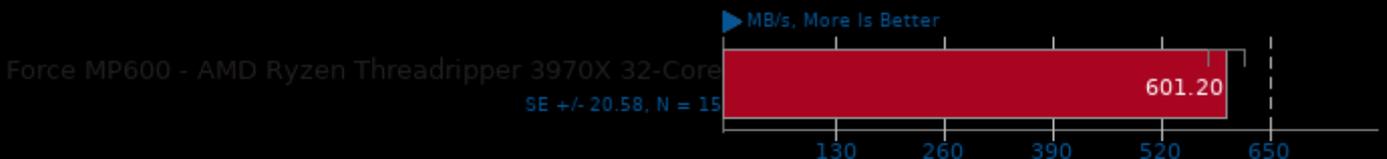
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



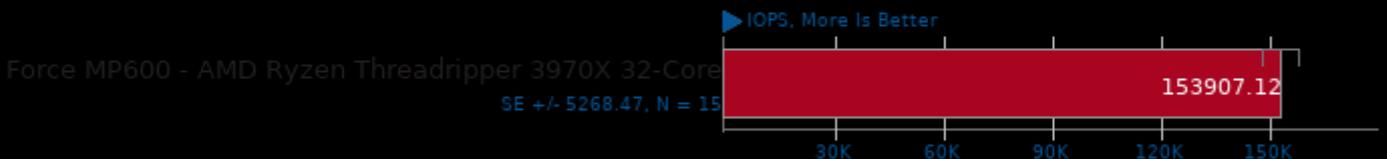
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



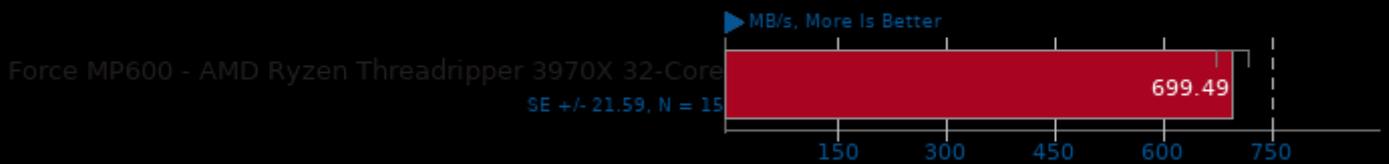
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



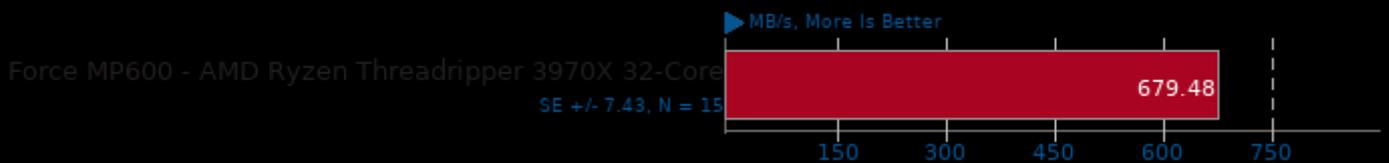
Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 4KB



Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



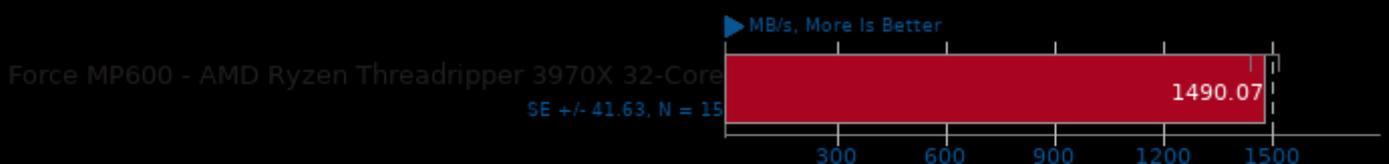
Diskspd 2.0.21

Threads Per Target: 1 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



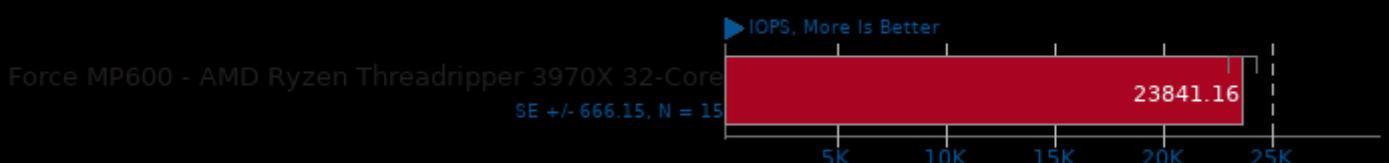
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



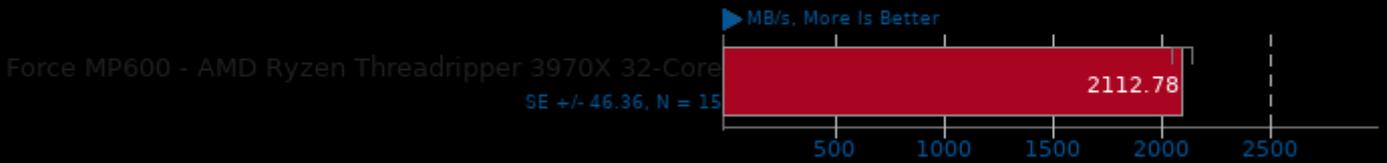
Diskspd 2.0.21

Threads Per Target: 2 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



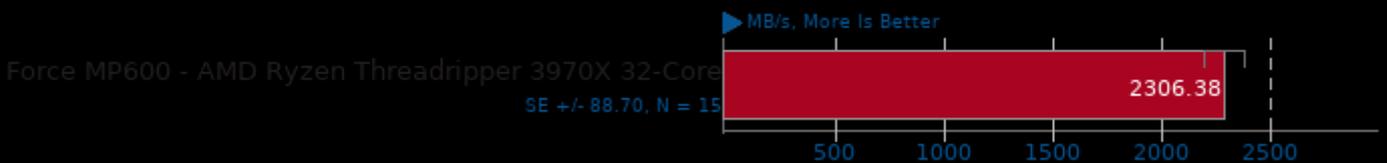
Diskspd 2.0.21

Threads Per Target: 3 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



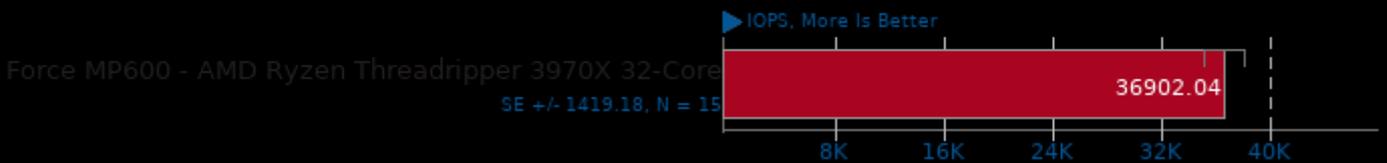
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



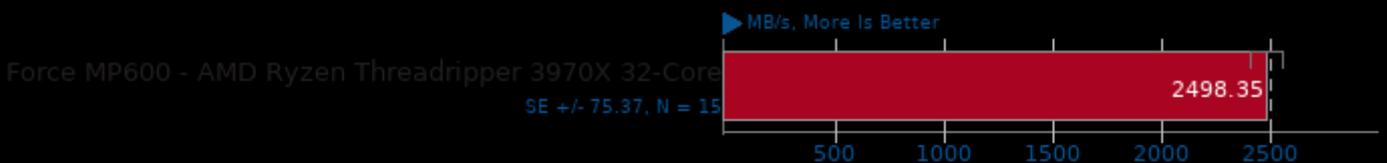
Diskspd 2.0.21

Threads Per Target: 4 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



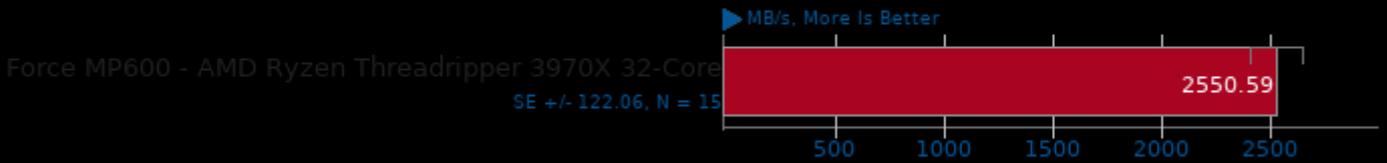
Diskspd 2.0.21

Threads Per Target: 5 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



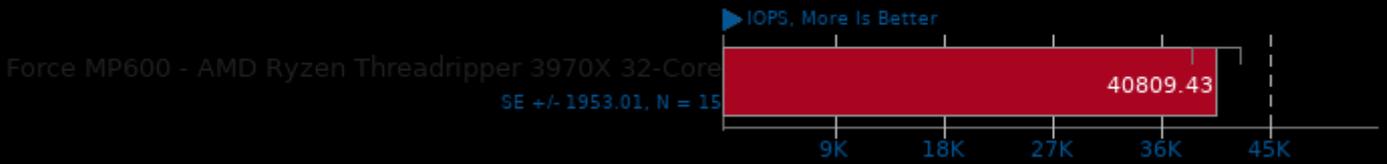
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



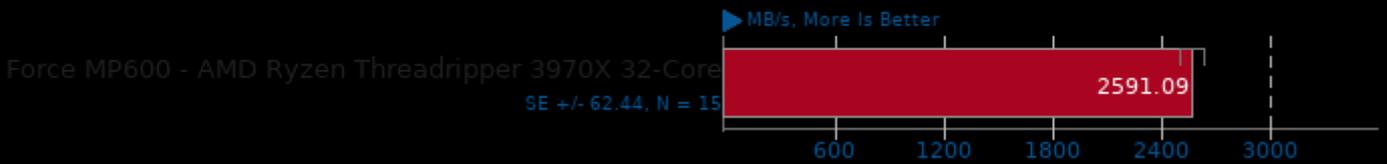
Diskspd 2.0.21

Threads Per Target: 6 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



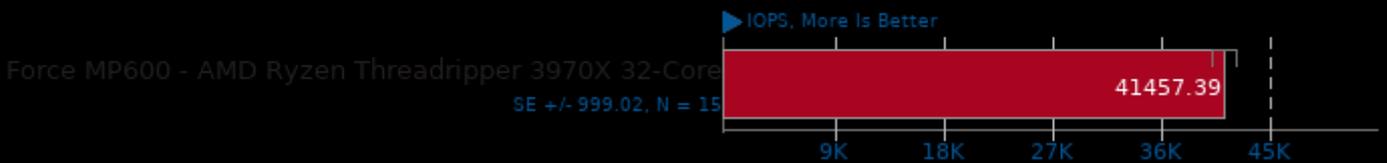
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



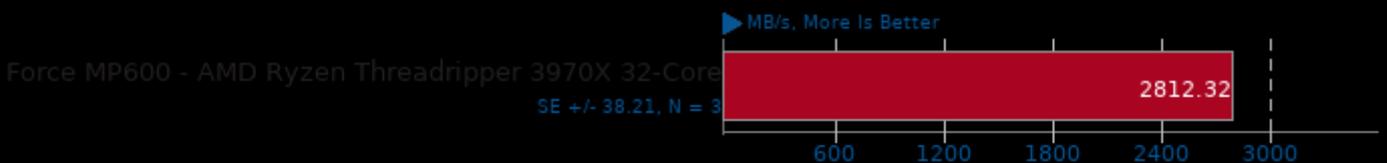
Diskspd 2.0.21

Threads Per Target: 7 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB



Diskspd 2.0.21

Threads Per Target: 8 - Write Requests (Percent): 0 - Read Only - File Size: 1M - Block Size: 64KB

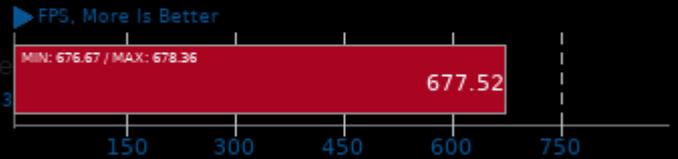


dav1d 0.5.0

Video Input: Chimera 1080p

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.38, N = 3

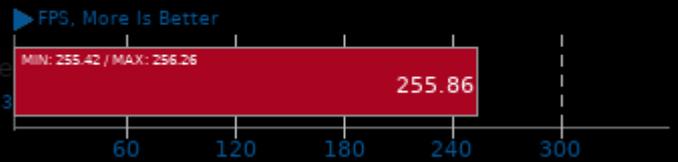


dav1d 0.5.0

Video Input: Summer Nature 4K

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.11, N = 3

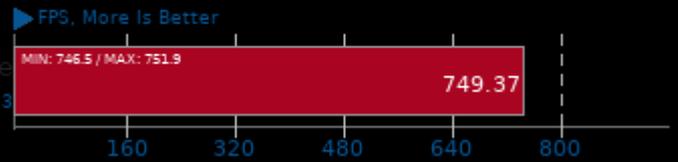


dav1d 0.5.0

Video Input: Summer Nature 1080p

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 1.10, N = 3

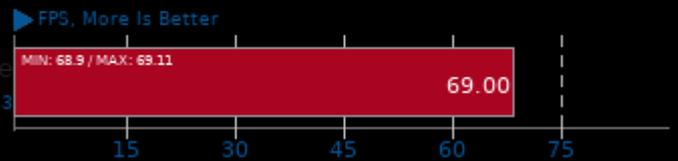


dav1d 0.5.0

Video Input: Chimera 1080p 10-bit

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.05, N = 3

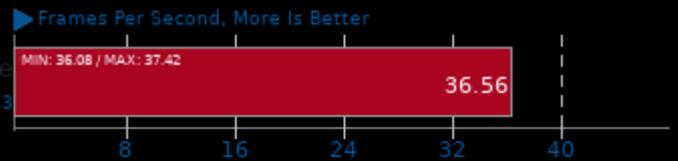


Embree 3.6.1

Binary: Pathtracer - Model: Crown

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.05, N = 3

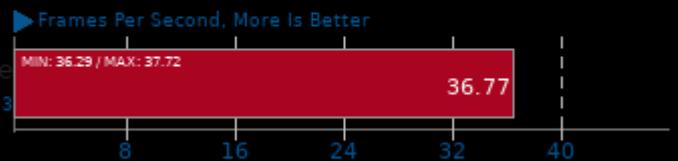


Embree 3.6.1

Binary: Pathtracer ISPC - Model: Crown

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.03, N = 3



Embree 3.6.1

Binary: Pathtracer - Model: Asian Dragon



Embree 3.6.1

Binary: Pathtracer - Model: Asian Dragon Obj



Embree 3.6.1

Binary: Pathtracer ISPC - Model: Asian Dragon



Embree 3.6.1

Binary: Pathtracer ISPC - Model: Asian Dragon Obj



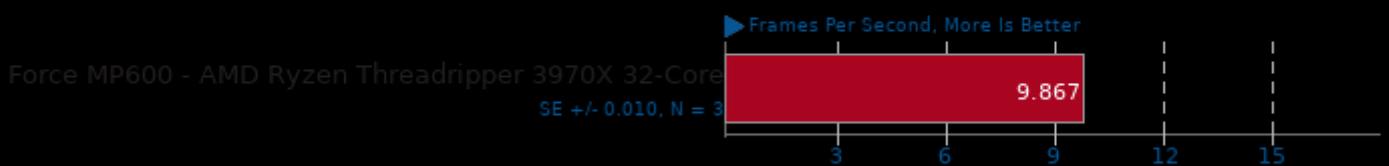
SVT-AV1 0.8

Encoder Mode: Enc Mode 0 - Input: 1080p



SVT-AV1 0.8

Encoder Mode: Enc Mode 4 - Input: 1080p

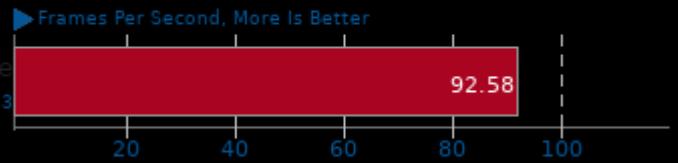


SVT-AV1 0.8

Encoder Mode: Enc Mode 8 - Input: 1080p

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.43, N = 3



SVT-HEVC 1.4.1

1080p 8-bit YUV To HEVC Video Encode

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.24, N = 3

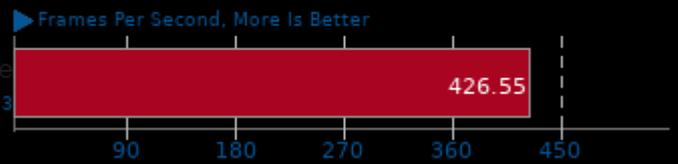


SVT-VP9 0.1

Tuning: VMAF Optimized - Input: Bosphorus 1080p

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 1.20, N = 3

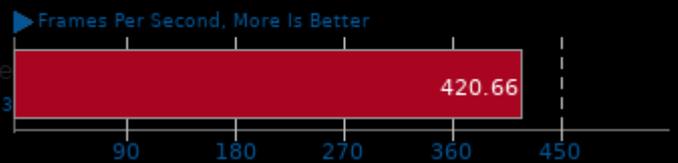


SVT-VP9 0.1

Tuning: PSNR/SSIM Optimized - Input: Bosphorus 1080p

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.69, N = 3

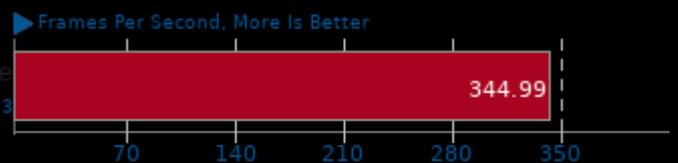


SVT-VP9 0.1

Tuning: Visual Quality Optimized - Input: Bosphorus 1080p

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 2.51, N = 3

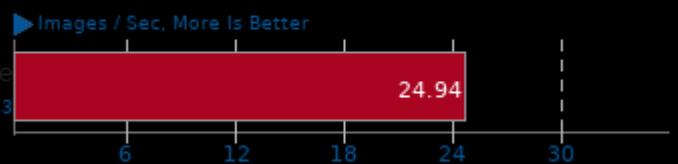


Intel Open Image Denoise 1.0.0

Scene: Memorial

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.07, N = 3

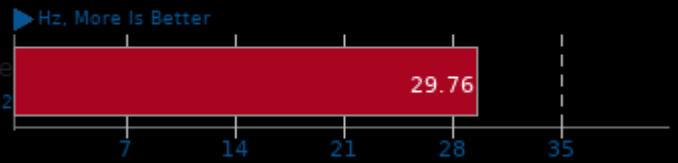


Euler3D

CFD Cycle Frequency

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 0.26, N = 12

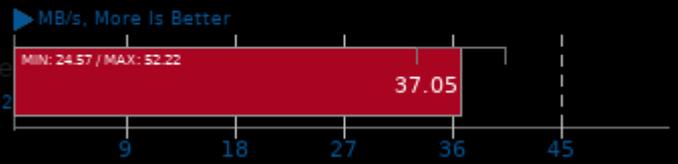


WinSAT

Test: Disk

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 3.69, N = 12



WinSAT

Test: Memory

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 6.36, N = 3

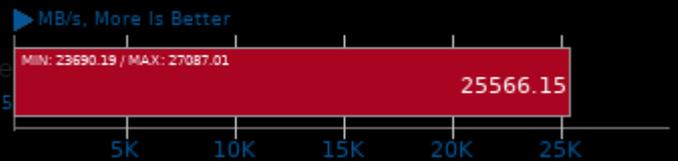


WinSAT

Test: CPU Encryption

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 275.88, N = 15

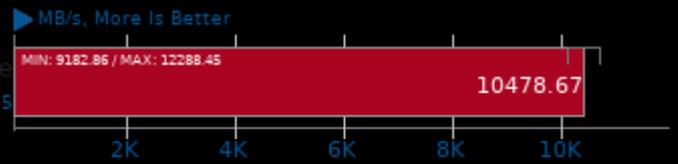


WinSAT

Test: CPU Compression

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 289.12, N = 15

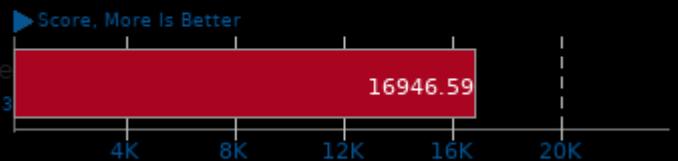


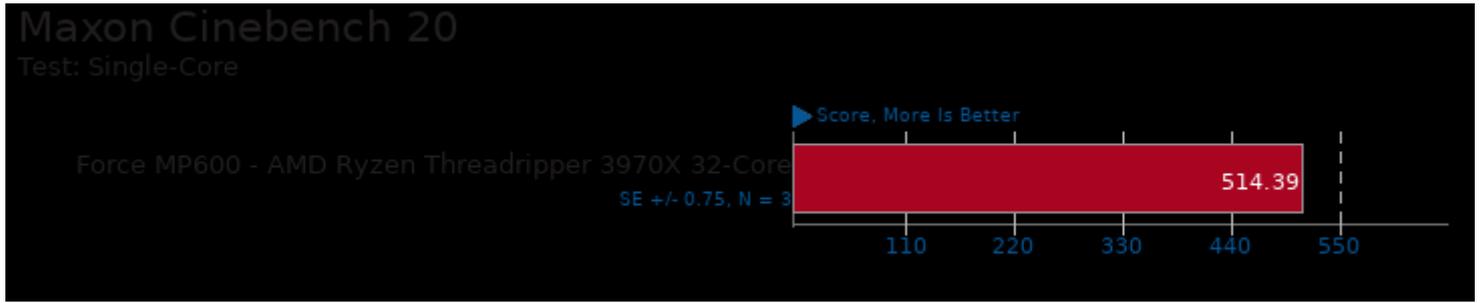
Maxon Cinebench 20

Test: Multi-Core

Force MP600 - AMD Ryzen Threadripper 3970X 32-Core

SE +/- 22.64, N = 3





This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:27.